

FIG. I

0

69.1

26.8

1000

400

300

METHOD ACCORDING TO PRESENT INVENTION

182

400

300

PRESSURE [Torr]

TEMPERATURE [°C]

4

15.9

9.0

[nm/min]

[nm/min]

×

170.1

0.4

0

196.6

96.6

EVALUATION

ETCHING RATE OF QUARTZ MATERIAL

ETCHING RATE OF SILICON OXIDE FILM FORMED BY TEOS

HF [sccm] | NH3 [sccm] 1820 0000 182 0

1820

400

300

1820

400

300

CONVENTIONAL METHOD

F16.2

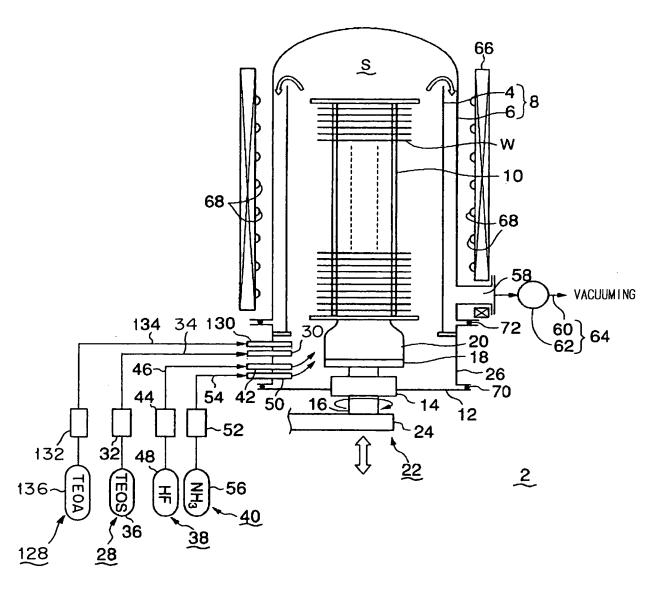


FIG. 3

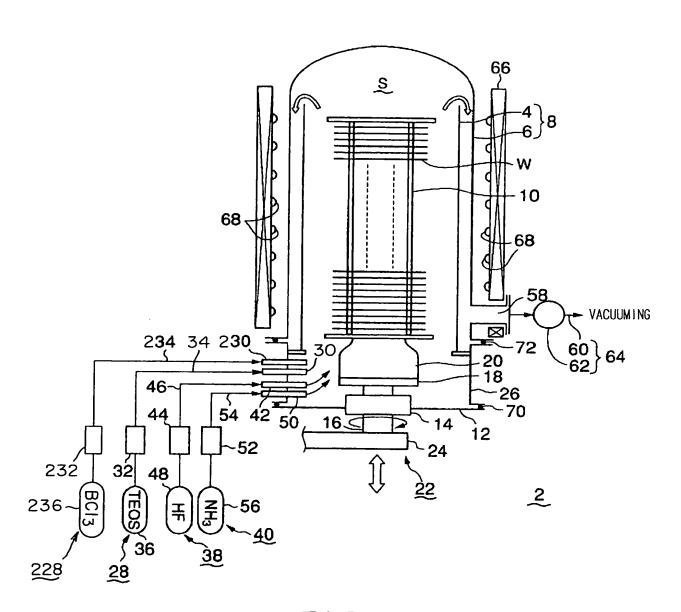


FIG. 4